

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	1A ESS	5ESS	DMS-100
Earliest Generic Release	1AE11	5E6	BCS30

2. References:

- Ameritech Technical reference AM-TR-OAT-000069, Issue 3, August 1993 - Ameritech Supplement Common Channel Signaling (CCS) Network Interface Specification.
- Technical Reference GR-317 LSSGR: Switching System Generic Requirements for Call Control Using the Integrated Services Digital Network User Part (ISDNUP), Issue 7, December 2003 (replaces GR-317, Issue 6).
- Technical Reference GR-394 LSSGR: Switching System Generic Requirements for Interexchange Carrier Interconnection (ICI) Using the Integrated Services Digital Network User Part (ISDNUP), (module of LSSGR, FR-64), Issue 2, December 1997, Revision 1 – November 1998, Issue 3 – November 1999, Issue 4 – November 2000, Issue 5 – December 2001, Issue 6 – December 2002, Issue 7 – December 2003 (replaces GR-394, Issue 6).
- Technical Reference GR-905 Common Channel Signaling Network Interface Specification (CCSNIS) Supporting Network Interconnection, Message Transfer Part (MTP), and ISDN User Part (ISDNUP), Issue 7, December 2003. (replaces GR-905, Issue 6).

This service, if offered as a BSE, is associated with the Dedicated Network Access Link BSA.

Computer Assisted Dialing Acceptance (2010)

Computer Assisted Dialing Acceptance allows the customer's host computer to notify the telephone company equipment to place a call to a selected number on behalf of a particular agent. The computer dials the number and when the call is answered then the called party is connected to an agent. Customers using this feature must comply with the provisions of the Telephone Consumer Protection Act of 1991 as set forth in Part 64 and Part 68 of the Federal Communication Commission's Rules.

Generic Name of ONA Service	Product Name	BSE or CNS
Computer Assisted Dialing Acceptance	AM - Computer Assisted Dialing Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Dialing Acceptance feature accommodates, via the exchange of data messages on the DNAL, the dialing of the called number with presenting an answered call to the agent's telephone in conjunction with the agent's host computer presentation of customer or subject specific data to the agent's computer terminal. Only calls receiving an answer condition will be presented to the agent.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:
 - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Computer Assisted Call Transfer Acceptance (2009)

Computer Assisted Call Transfer Acceptance allows the customer's host computer to notify the telephone company equipment to transfer a call after the call has been delivered to an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Computer Assisted Call Transfer Acceptance	AM - Computer Assisted Call Transfer Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows the coordinated delivery of voice and data information for incoming and outgoing calls between a customer's host computer and the telephone company. The Computer Assisted Call Transfer Acceptance feature accommodates, via the exchange of data messages on the DNAL, the transferring of calls between agents. The calls may be transferred at any time during the interaction with the customer.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:
 - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications, Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Call Redirection Acceptance (2008)

Call Redirection Acceptance allows the customer's host computer to notify the telephone company equipment to allow the call to complete as dialed or redirect an incoming call to an alternate number within the customer's Automatic Call Distributor (ACD) group prior to the call being accepted by an agent.

Generic Name of ONA Service	Product Name	BSE or CNS
Call Redirection Acceptance	AM - Call Redirection Acceptance	BSE

FEATURE OPERATION:

The Dedicated Network Access Link (DNAL) BSA allows simultaneous delivery of voice and data information for incoming and outgoing calls. The Call Redirection Acceptance feature interacts with the agent's host computer which may direct the telephone company equipment, via the exchange of data messages on the DNAL, to deliver an incoming call to an agent selected by the host computer. The host computer could have the capability to simultaneously deliver the calling party's personal data to the agent's computer terminal at the same time the call is delivered to the agent's telephone.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

1. This feature is available in the following central office switches:

Switch Type	DMS-100
Earliest Generic Release	BCS33

2. Currently, this feature is only available on lines served by an Automatic Call Distributor in the DMS-100 equipped with the Switch Computer Application Interface functionality.
3. References:
 - Ameritech Technical reference AM-TR-NIS-000109, Ameritech Switch to Computer Application Interface (ASCAI) Network Interface Specifications. Issue 1, October 1992.

This service, if offered as a BSE, is associated with the Dedicated Network Access Link Type BSA.

Video Dialtone Broadcast Service Channels (3011)

A Video Dialtone Service that provides for the transport of video and other programming signals.

Generic Name of ONA Service	Product Name	BSE or CNS
Video Dialtone Broadcast Channels	BA - VDT - Broadcast Channels	BSE

FEATURE OPERATION:

Video Dialtone Broadcast Service Channels provides a Programmer-Customer with transport of 6 Mbps MPEG2 formatted digital signals from the Video Distribution Office to all end-user subscribers within the service area.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

Also see BroadBand Technologies Technical Publication TESP-0106. Contact information for BroadBand Technologies, Inc.:

BroadBand Technologies, Inc.
Suite 150, Triangle Business Center
4024 Stirup Creek Drive
Durham, NC 27703
Post Office Box 13737
Research Triangle Park, NC 27709-3737
Telephone: 919 544-0015
Fax: 919 544-5356

This service is offered where available and facilities permit.

Video Dialtone Messaging Port (3013)

A Video Dialtone Service that provides for the transport of video and other programming signals

Generic Name of ONA Service	Product Name	BSE or CNS
Video Dialtone Messaging Port Service Channels	BA - VDT - Messaging Port	BSE

FEATURE OPERATION:

Video Dialtone Messaging Port allows the Programmer-Customer to: 1) provide text message overlays on associated broadcast or narrowcast channels; or 2) specify designated broadcast or narrowcast channels that allow individual end-user subscribers to initiate interactive text sessions.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

This service is offered where available and facilities permit.

Video Dialtone Narrowcast Service Channels (3012)

A Video Dialtone Service that provides for the transport of video and other programming signals.

Generic Name of ONA Service	Product Name	BS or CNS
Video Dialtone Narrowcast Service Channels	BA - VDT - Narrowcast Service Channels	BSE

FEATURE OPERATION:

Video Dialtone Narrowcast Service Channels provides a Programmer-Customer with transport of 6 Mbps MPEG2 formatted digital signals from the Video Distribution Office to end-user subscribers located in cells selected by the Programmer-Customer.

TECHNOLOGICAL AND FEATURE INTERACTION CONSIDERATIONS:

For interface publications, see Bell Atlantic Technical Publications TR-72550 and TR-72211.

Also see BroadBand Technologies Technical Publication TESP-0106. Contact information for BroadBand Technologies, Inc.:

BroadBand Technologies, Inc.
Suite 150, Triangle Business Center
4024 Stirup Creek Drive
Durham, NC 27703
Post Office Box 13737
Research Triangle Park, NC 27709-3737
Telephone: 919 544-0015
Fax: 919 544-5356

This service is offered where available and facilities permit.

APPENDIX 2

July 31, 2004

Updated 7/31/04
APPENDIX 2: BOC ONA CONTACTS

Regional Company	Name Address	Phone
Ameritech Services, Inc.	ESP Hot Line	800-451-5283
Verizon (Bell Atlantic)	Johnnie McCoy	972-717-2052 FAX 972-717-2312 johnnie.mccoy@verizon.com
BellSouth Services	Ken Minzenberger	404-927-1397
Verizon (NYNEX)	Johnnie McCoy	972-717-2052 FAX 972-717-2312 johnnie.mccoy@verizon.com
Pacific Bell	ESP OUTREACH	1-800-300-6230
Southwestern Bell Telephone	Victoria Najera Southwestern Bell Telephone 311 South Akard, Room 1960.04 Dallas, TX 75202-5398	214-858-0765 vn2832@txmail.sbc.com FAX 214-858-0639
Qwest	Interconnection Service Center	800-544-7126

APPENDIX 3

July 31, 2004

BSA MATRIX – JULY 2004

The following report shows the relationship between the Basic Serving Arrangements (BSAs) and the Basic Service Elements (BSEs) included in the ONA Services User Guide Service Description Section issued July 31, 2004. This report was created to respond to a request from the Information Industry Liaison Committee (IILC), documented in IILC Issue #035.

The first matrix is a summary of the first section of the ONA Services User Guide Service Descriptions Section. It lists the generic name of each BSA with each LEC's name for the BSA (if the LEC company is offering it).

The matrices that follow list each of the generic BSA names, with a table entry of "BSA" for each LEC offering it. Then the generic name of each ONA service available with that BSA is listed, with an entry of "BSE" for BSE or "BSA" if the LEC has indicated that the service is available with the BSA but not as a separate BSE option. These matrices do not include the Complementary Network Services (CNS) or region specific services.

BSA NAMES & LEC BSA NAME REFERENCES

GENERIC NAME OF BSA	LEC BSA NAME
Category 1, Type A - Circuit Switched Line BSA	AM - Circuit Switched Line BA - Business Individual Line BA - Line Side BSA BS - Voice Grade - Line - Circuit Switched NX - Circuit Switched - Line PB - Access Line Arrangement SWB - Circuit Switched - Line Side Basic Serving Arrangement (BSA-A) Qwest - Voice Grade - Line - Circuit Switched
Category 1, Type B - Circuit Switched Trunk BSA	AM - Circuit Switched Trunk BA - Trunkside BSA - 950 Option BA - Trunkside BSA - 10XXX Option BS - Circuit Switched Trunk - Voice Grade NX - Circuit Switched Trunk PB - Access Trunk Arrangement (950) PB - Access Trunk Arrangement (10XXX) SWB - Circuit Switched - Trunk Side Alternative B BSA (BSA-B) SWB - Circuit Switched - Trunk Side Alternative D BSA (BSA-D) Qwest - Voice Grade - Trunk - Circuit Switched
Category 2, Type A - X.25 Packet Switched BSA	AM - Packet Switched Network Service (X.25) BA - Public Data Network: X.25 BS - PulseLink® Packet Switching - X.25 NX - INFOPATH® Packet Switching Service PB - Public Packet Switching (X.25) SWB - Packet Switched - MicroLink II SM (X.25 Version) Qwest - Packet Switching (X.25)

® PulseLink is a registered trademark of BellSouth.

® INFOPATH is a registered service mark of NYNEX.

SM MicroLink II is a registered service mark of Southwestern Bell Telephone.

GENERIC NAME OF BSA	LEC BSA NAME
Category 2, Type B - X.75 Packet Switched BSA	AM - Packet Switched Network Service (X.75) BA - Public Data Network: X.75 BS - PulseLink [®] Packet Switching - X.75 NX - INFOPATH [®] Packet Switching Service PB - Public Packet Switching (X.75) SWB - Packet Switched - MicroLink II SM (X.75 Version) Qwest - Packet Switching (X.75)
Category 3, Type A - Dedicated Metallic BSA	BA - Dedicated Metallic NX - Dedicated - Metallic PB - Metallic Service SWB - Special Access - Metallic Qwest - Analog PLS - DCCS
Category 3, Type B - Dedicated Telegraph BSA	BA - Dedicated Telegraph NX - Dedicated - Telegraph Grade PB - Telegraph Grade Service Qwest - Analog PLS - LSDS
Category 3, Type C - Dedicated Voice Grade BSA	AM - Direct Analog BA - Dedicated Voice-Grade BS - Dedicated - Private Line NX - Dedicated - Voice Grade PB - Voice Grade Service SWB - Special Access - Voice Grade Qwest - Analog PLS - VGS

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[®] INFOPATH is a registered service mark of NYNEX.

SM MicroLink II is a registered service mark of Southwestern Bell Telephone.

GENERIC NAME OF BSA	LEC BSA NAME
Category 3, Type D - Dedicated Program Audio BSA	AM - Dedicated Program Audio BA - Dedicated Program Audio BS - Dedicated Program Audio NX - Dedicated - Program Audio PB - Program Audio Service SWB - Special Access - Program Audio Qwest - Analog PLS - AS
Category 3, Type E - Dedicated Video BSA	AM - Dedicated Video BA - Dedicated Video Service BS - Dedicated Video NX - Dedicated - Video PB - Video Service SWB - Special Access - Video Qwest - Analog PLS - VS
Category 3, Type F - Dedicated Digital (< 64 kbps) BSA	AM - Ameritech Base Rate Services BA - Digital Data Service BS - SynchroNet [®] /DDS NX - Dedicated - Digital Data PB - Digital Data Service, Private Line Services SWB - Special Access - MegaLink SM Data Qwest - Digital Data Service
Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA	AM - Ameritech DS1 Services BA - High Capacity Digital Service BS - MegaLink [®] /HiCap NX - Dedicated Digital - 1.544 Mbps PB - High Capacity Services (1.544 Mbps) SWB - Special Access - High Capacity (1.544 Mbps) Qwest - DS1 Service

[®] SynchroNet is a registered service mark of BellSouth.

SM MegaLink is a service mark of Southwestern Bell Telephone.

[®] MegaLink is a registered service mark of BellSouth.

GENERIC NAME OF BSA	LEC BSA NAME
Category 3, Type H - Dedicated High Capacity Digital (> 1.544 Mbps) BSA	AM - Ameritech DS3 Services BA - High Capacity/Lightwave Service BS - LightGate [®] /HiCap NX - Dedicated - Digital - 45 Mbps PB - High Capacity Services (> 1.544 Mbps) SWB - Special Access - High Capacity MegaLink SM Custom Qwest - DS3 Service
Category 3, Type I - Dedicated Alert Transport BSA	BA - REACT SM BS - WATCHALERT [®] NX - PULSENET SM Alert Transport Service PB - POLLSTAR SM DLC Security Transport
Category 3, Type J - Dedicated Derived Channel BSA	BA - Dedicated Derived Channel BS - Derived Data Channel Service NX - DOVPATH [®] Transport Service SWB - DovLink SM Qwest - Simultaneous Voice and Data Service
Category 3, Type K - Dedicated Digital (64 kbps) BSA	AM - Ameritech Base Rate Service BA - Digital Data Service 64 KBS BS - DS-0 Transport Facilities NX - (see NYNEX note 1) ¹ Qwest - Digital Data Service - 64 Kbps

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SM REACT is a service mark of Bell Atlantic.

[®] WATCHALERT is a registered service mark of BellSouth.

SM PULSENET is a service mark of NYNEX.

SM POLLSTAR is a service mark of Pacific Bell.

[®] DOVPATH is a registered service mark of NYNEX.

SM DovLink is a service mark of Southwestern Bell Telephone.

¹ NYNEX note 1: NYNEX offers 64 Kbps service associated with the Dedicated High Capacity Digital (1.544 Mbps) BSA.

GENERIC NAME OF BSA	LEC BSA NAME
Category 4 - Dedicated Network Access Link BSA	AM - Dedicated Network Access Link AM - Type A-Signal Transfer Point Access (STP) AM - Type B-Circuit Switch Facility Control (CSFC) AM - Type C-Simplified Message Desk Interface (SMDI) AM - Type D-Simplified Message Desk Interface-Expanded (SMDI-E) AM - Type E-Ameritech Reconfiguration Service AM - Type F-Alarm Service AM - Type G-Ameritech Switch to Computer Applications (ASCAI) BA - Dedicated Network Access Link BS - Private Line/Special Access NX - (see NYNEX note 2) ² PB - Dedicated Network Access Link SWB - Special Access - Metallic SWB - Special Access - Voice Grade SWB - Switched Access Dedicated Network Access Link Qwest - Analog PLS

² NYNEX note 2: NYNEX offers dedicated channels for specific network information or network control information as part of the appropriate BSA or BSE that provides the specific capability.

MATRIX of BSAs & RELATED BSEs

CATEGORY 1, TYPE A - CIRCUIT SWITCHED LINE BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Answer Supervision With A Line Side Interface	BSE	BSE	BSE		BSE		BSE
Automatic Callback					BSE		
Call Detail Recording Reports	BSE	BSE	BSE	BSE			BSE
Called Directory Number Delivery via DID		BSE	BSE	BSE	BSE		BSE
Calling Directory Number Delivery - via ICLID		BSE			BSE		BSE
Carrier Selection On Reverse Charge		BSE	BSA	BSE	BSA		
Calling DN Delivery - via BCLID		BSE	BSE				BSE
Coin Phone With Post Dialing Tone Capability		BSA	BSA				BSA
Cut Off On Disconnect		BSA	BSA	BSA			
DID Trunk Queuing		BSE			BSE		
Faster Signaling On DID		BSE	BSE	BSE			BSA
Hot Line				BSE			
Make Busy Key	BSE	BSE	BSE	BSE	BSE		BSE
Message Desk (SMDI)	BSE	BSE	BSE	BSE	BSE		BSE
Message Waiting Indicator- Activation (Audible)		BSE	BSE	BSE	BSE		BSE
Multiline Hunt Group	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Multiline Hunt Group - C. O. Announcements	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Multiline Hunt Group - Individual Access To Each Port In Hunt Group	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Multiline Hunt Group - Overflow	BSE	BSE	BSE	BSE	BSE		BSE
Multiline Hunt Group - Uniform Call Distribution Line Hunting	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Multiline Hunt Group - UCD With Queuing	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Reverse Billing On Circuit Switched Access	BSE		BSE				
Route Diversity	BSE					BSE	

CATEGORY 1, TYPE A - CIRCUIT SWITCHED LINE BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Selective Call Forwarding					BSE		
Selective Call Rejection					BSE		
Three Way Call Transfer	BSE	BSE	BSE	BSE	BSE		BSE
Uniform 7 Digit Access Number - Remote Call Forwarding		BSE					
Uniform 7 Digit Access Number via Overlay Networking			BSE				
Warm Line				BSE			

CATEGORY 1, TYPE B - CIRCUIT SWITCHED TRUNK BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Alternate Routing	BSA*	BSE	BSE	BSE	BSA	BSE	BSE
Call Detail Recording Reports	BSE	BSE	BSE				BSE
Called Directory Number Delivery via DID		BSE	BSE	BSE	BSE		BSE
Called Directory Number Delivery via 900NXX	BSE			BSE		BSA	
Calling Billing Number Delivery - FG B Protocol		BSE	BSE	BSE			BSE
Calling Billing Number Delivery - FG D Protocol	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Carrier Selection On Reverse Charge	BSA**	BSE	BSA	BSE	BSA		BSA
Coin Phone With Post Dialing Tone Capability			BSA				
DID Trunk Queuing		BSE			BSE		BSE
Faster Signaling On DID			BSE	BSE			BSA
Flexible ANI Information Digits	BSE	BSE	BSE	BSE			BSE
Route Diversity	BSE					BSE	
Tandem Routing	BSA**	BSE	BSE	BSA	BSA		BSA

* Ameritech offers this as a BSA feature.

** For Ameritech, this is a Circuit Switched Trunk BSA alternative.

CATEGORY 2, TYPE A - X.25 PACKET SWITCHED BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Call Detail Recording Reports (Packet)	BSE	BSE		BSE		BSE	BSE
Call Redirection - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Closed User Groups - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Direct Call - Packet			BSE	BSE			
Fast Select Acceptance - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Fast Select Request - Packet			BSE	BSE	BSE	BSE	BSE
Hunt Groups - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Menu Access Translator- Gateway							BSE
Message Waiting Indicator - Packet Access						BSE	
Preselection for Data Services		BSE	BSE	BSE	BSE		
Reverse Charge Acceptance - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Route Diversity	BSE					BSE	

CATEGORY 2, TYPE B - X.75 PACKET SWITCHED BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Call Detail Recording Reports (Packet)	BSE	BSE		BSE		BSE	BSE
Call Redirection - Packet				BSE	BSE	BSE	BSE
Closed User Groups - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Fast Select Acceptance - Packet	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Fast Select Request - Packet			BSE	BSE	BSE	BSE	BSE
Hunt Groups - Packet		BSE		BSE	BSE	BSE	
Menu Access Translator- Gateway							BSE
Message Waiting Indicator - Packet Access						BSE	
Preselection for Data Services		BSE	BSE	BSE	BSE		
Reverse Charge Acceptance - Packet		BSE	BSE	BSE	BSE	BSE	BSE
Route Diversity	BSE					BSE	

CATEGORY 3, TYPE A - DEDICATED METALLIC BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Bridging		BSE		BSE	BSE	BSE	BSE
Route Diversity		BSE		BSE		BSE	

CATEGORY 3, TYPE B - DEDICATED TELEGRAPH BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Bridging		BSE		BSE	BSE		BSE
Route Diversity		BSE		BSE			

CATEGORY 3, TYPE C - DEDICATED VOICE GRADE BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Bridging	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Conditioning	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Network Reconfiguration				BSE	BSE		
Route Diversity	BSE	BSE		BSE		BSE	